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Subject: lost wax casting

Posted by [Richard Gardner](#) on Fri, 02 Mar 2012 06:13:35 GMT

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I have been using frosted ultra detail for my prototyping (very pleased with the material) and am ready for the next step...

Will this material work in the lost wax casting process? If not, what would you suggest as an alternative? I'm looking for the highest resolution...

Thanks in advance

Richard L. Gardner  
New Orleans

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Subject: Re: lost wax casting

Posted by [Youknowwho4eva](#) on Fri, 02 Mar 2012 15:02:18 GMT

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You're looking to do the lost wax casting yourself? I don't know if anyone has attempted using FUD, I have seen mixed results with WSF. I'd look through the "Post Production" section to see what you can find on how to best accomplish what you want.

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Subject: Re: lost wax casting

Posted by [SGDesigns](#) on Thu, 31 May 2012 13:47:48 GMT

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Ive seen it done with that material. Lemme see if I can find you the link...

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Subject: Re: lost wax casting

Posted by [SGDesigns](#) on Thu, 31 May 2012 13:53:16 GMT

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Here you go. Check out this first link for the full story..

[http://upnotnorth.net/2012/02/06/question-block\\_and\\_crowbar/](http://upnotnorth.net/2012/02/06/question-block_and_crowbar/)

This second link is the link to the shape ways store. Check out the item description...

<http://www.shapeways.com/model/279860/crowbar-pendant.html>

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Subject: Re: lost wax casting  
Posted by [Wahtah](#) on Thu, 31 May 2012 17:34:50 GMT  
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Maybe to overclarify: the example with the crowbar does not use the fud part in place of a wax model. Real wax models are made in a rubber mold which has been made by placing the fud part between two rubber blocks and curing them.

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Subject: Re: lost wax casting  
Posted by [jongler](#) on Mon, 24 Sep 2012 15:06:20 GMT  
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Hi, I am a jeweller so I need the detail...

I have cast the FUD on silver and I had very good results. Also if you cast in gold due to the SG of gold it will be even better. The only think is to let more time to 'de-wax' the flask. Also I use the old cerntifuge which is very-very good. ( I had tried the vaccum casting with systems and other good staff and the results were unacceptable). After that you can mold on a rubber mold the object. Also I tried the 'white strong' material to mold it (without the preparation of casting) directly on the rubber mold. The results was... disappointing. The surface of the "white strong" is porrous and the rubber gets into the object. After I 'opened' the mold the object was okey. no bending no cracking but I pulled it out not so easily as if it was a metal object. So I am sure that it would be a bad idea to cast directly the white strong&flexible. Also as a preparation was to "polish" with some lack or toluene to dilute the rough surface, even to burn it. Nothing happened. (okey burning was the destruction) In conclusion I think that the best proccess is printing in FUD, (if want you can design a little thicker the surfaces that are going to be polished), cast in silver, finishing polishing, rubber mold, and the road to the production is open.

Subject: Re: lost wax casting  
Posted by [SGDesigns](#) on Wed, 10 Oct 2012 06:04:30 GMT  
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A video or picture tutorial on this would be perfect.

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